Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

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UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

Yellow fever in Mississippi.

(Continuation of report from June 23, contained in the preceding issue.)

June 24: No new cases reported.

June 25: The negro case, reported June 23, is the child of a woman who worked for one of the earlier cases. This case has been moved to a tent and the remainder of the family isolated in tents under guard, and the house burned. A hospital tent has been erected, 1 patient is there; suspects are isolated in tents, and many negroes will go to the detention camp which will be established in a few days. One new case in town, developed Thursday, moved to tent and premises disinfected; only 1 person exposed and that one was immune. One case in the country 4 miles out, developed Sunday; house will be disinfected Monday.

June 26: No new cases.

June 27: Passed Assistant Surgeon Geddings instructed to open a small detention camp at McHenry. No new cases.

June 28: Three cases under treatment. One suspect isolated in tent. No new foci. Investigation of a death at Biloxi, which had aroused suspicion, proved it to have occurred from malaria. The town of Gulfport reported clean.

June 29: One new case, the suspect reported yesterday. One known focus in town, which as soon as patients recover will be obliterated.

Refugee camp established one mile from town and contains about sixty refugees. Thirty-eight refugees left for Fontainbleau.

June 30: No new cases; 5 under treatment; 1 focus. Local refugee camp has 21 inmates. Eucuta released to-day; all well.

Brig Amapala, war prize, remanded for disinfection to Tampa Bay quarantine.

The following telegram was received on the 25th instant from the medical officer in command U. S. Marine-Hospital Service, Key West, Fla.:

Brig *Amapala* arrived, war prize, twenty-four hours from Habana, where she has lain two months. Crew of 32, about 30 passengers, many children, much bedding and baggage. * * * Vessel now in the jurisdiction of the U. S. court. * * *

This vessel was ordered to Tampa Bay quarantine for disinfection on June 27, 1898.

Smallpox at Fredonia, N. Y.

BUFFALO, N. Y., *June 23, 1898.*

SIR: At the urgent request of the local board of health of Fredonia, N. Y., I visited that village yesterday to determine whether a number of suspected cases of smallpox were genuine.

On inspection, I found 16 well developed cases of this disease and no precautions having been taken, it will not be surprising if this number is doubled within a few days, as a great many of the inhabitants of the village and vicinity have been exposed.

At my suggestion, the local board of health has taken steps to prevent the spread of the disease.

* * * * * * *

The case of smallpox which we had in this city was discharged from the quarantine hospital on the 18th instant, all danger of contagion being past.

Respectfully yours,

ERNEST WENDE,
Health Commissioner.

Report of smallpox in Pennsylvania.

PHILADELPHIA, PA., *June 23, 1898.*

SIR: Since my last report of April 13, 1898, smallpox has been reported in Pennsylvania as follows: Johnsonburg, Elk County, 1 case, recovered. Origin unknown. Tioga, Tioga County, 1 case.

Yours very truly,

BENJAMIN LEE, M. D.,
Secretary State Board of Health.

Smallpox at Bartow, Fla.

JACKSONVILLE, FLA., *June 25, 1898.*

SIR: This office is just apprised by wire of the discovery of a case of smallpox at Bartow, Polk County, Fla. The Board's agent in Polk County wires: "Few exposures. Everything being done. No disposition to panic."

Yours truly,

JOSEPH Y. PORTER,
State Health Officer of Florida.

Smallpox in North Carolina.

RALEIGH, N. C., *June 23, 1898.*

SIR: Since my last report the following cases of smallpox have been reported to this office: Iredell County, 18; Rowan (*a*) County, 7.

Truly yours, RICHARD H. LEWIS,
Secretary State Board of Health.

Report of smallpox on the steamship Roumanian en route.

Under date of June 25 the following telegram was received from Passed Assistant Surgeon G. B. Young, U. S. Marine-Hospital Service, in command of Delaware Breakwater Quarantine Station:

Roumanian arrived; no passengers; 1 very mild case of rubeola. Reported that they had landed passengers at Liverpool with smallpox; the bill of health shows that she left smallpox suspect (steerage passenger's infant) at Halifax. * * * Unless you disapprove, will allow vessel to proceed to Reedy Island for vaccination.

In accordance with the above, the vessel was allowed to proceed to Reedy Island Quarantine Station.

REEDY ISLAND QUARANTINE, *June 26, 1898.*

SIR: I have the honor to report that the steamship *Roumanian*, from Glasgow via Liverpool, St. Johns, and Halifax, arrived to-day, and has been passed. She had 1 man aboard convalescent from what was, apparently, measles; certainly not smallpox; all others well. I inclose a copy of the certificate issued by the quarantine medical officer at Halifax relative to the case of illness removed at that point, which he states was not, in his opinion, smallpox.

* * * * * * *

Respectfully, yours, R. M. WOODWARD,
Passed Assistant Surgeon, U. S. M. H. S.

[Copy.]

HALIFAX, *June 22, 1898.*

This is to certify that the steamship *Roumanian* from Liverpool via Johns, Newfoundland, arrived to-day. One young child, steerage passenger, had some signs of disease (skin eruption) being developed. I am not sure as to the nature of the eruption, but think it is not smallpox. I have decided, however, to remove all the steerage passengers, 21 in number, to the quarantine station and disinfect their luggage and keep the people under observation for a few days. The ship's hospital and places occupied by these passengers have been cleansed and fumigated. The doctor of the ship promises to continue the work thoroughly.

W. N. WICKWIRE, M. D.,
Quarantine Medical Officer.

No smallpox now at El Paso, Tex.

Under date of June 18, 1898, the U. S. sanitary inspector at El Paso, Tex., reports that of the 3 cases of variola reported by him June 11, 1 case had died and the 2 others had been discharged from the pesthouse recovered.

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a Adjoins Iredell County.

Request for smallpox expert at Reidsville, N. C.

RALEIGH, N. C., *June 28, 1898.*—Please send smallpox expert to Reidsville, and oblige.—R. H. LEWIS, *Secretary, State Board of Health.*

In compliance with this telegraphic request, Passed Assistant Surgeon C. P. Wertenbaker was ordered to proceed to Reidsville and investigate.

REIDSVILLE, N. C., *June 30, 1898.*—One case of smallpox here, isolated and guarded. All known suspects isolated and vaccinated. Will advise with authorities.—WERTENBAKER, *Passed Assistant Surgeon, U. S. M. H. S.*

Smallpox reported at Boulder, Colo.

DENVER, COLO., *June 24, 1898.*

SIR: In compliance with the agreement embodied in resolution adopted by the conference of State boards of health respecting interstate notification of the occurrence of certain communicable diseases, you are hereby notified that 4 cases of smallpox have been reported to this office as existing near Boulder, Boulder County, this State. The origin of the disease is probably Old Mexico and local exposure. The precautions taken are quarantine and vaccination.

Respectfully, yours,

HENRY SEWELL,
Secretary State Board of Health.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to June 30, 1898.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Bessemer	Jan. 6-Feb. 19	143		
Birmingham	Jan. 6-Feb. 19	47		
	May 13	15		
In Jefferson county, outside of the city	Feb. 6-Feb. 19	26		
Carneys Bluff	Feb. 17			Smallpox reported.
Corona	Mar. 4	1		
Dolomite	Dec. 1-Jan. 17	21		
Gosport	Feb. 17			Do.
Glendon	Feb. 17			Do.
Haynesville	Mar. 11	400		
Horse Creek Mine	Mar. 4	3		
Hurricane Bayou	Mar. 31-June 12	30		
Jackson	Feb. 17	10		
Letohatchie	May 13	50		
Mobile	Feb. 5-June 15	82	1	
Montevallo	Mar. 3	1		
Newton	Jan. 15-Feb. 2	7		
Nichola	Feb. 17			Do.
Oxmar	Jan. 19			Do.
Patton	Feb. 1-Mar. 4	9		
Pinckard	Feb. 2	50		
Port Deposit	May 13	1		
Rock Springs	Mar. 11	15		
Salitpa	Feb. 17			Do.
Selma	Jan. 13-Feb. 14	3		
Shelby	Jan. 28-Apr. 22	8		
Talladega	Jan. 9-Feb. 15	45		
Walker Springs	Feb. 17			Do.
Arkansas:				
Fair Oaks	Mar. 1	5		
Little Rock and vicinity	Mar. 31-May 20	110	1	
Newport	Apr. 28	1		
Sweet Home	May 20	11	1	
Colorado:				
Boulder	June 24	4		
District of Columbia:				
Washington	Feb. 7	1		Naval Hospital.
	Apr. 2-May 5	9		
Florida:				
Bartow	June 25	1		
Bluff Springs	June 18	1		
Jacksonville	Mar. 20-Mar. 26	1		
Pensacola	Apr. 24-May 11	2		
Washington County	Jan. 24	12		
Georgia:				
Atlanta	Jan. 17-Feb. 16	178	2	Most cases from county.
Cartersville	Jan. 15-Mar. 1	9	1	
Griffin	Feb. 12	2		
Macon	Jan. 15-June 1	100	3	
Stilesboro	Jan. 15			Smallpox reported.
Illinois:				
Chicago	May 4	1		
Indiana:				
Evansville	Feb. 26	1		
Kentucky:				
Butler	Feb. 8-Feb. 24	1		
Louisville	Apr. 16	1		
Middlesborough	Feb. 3-Apr. 7	183	2	
Louisiana:				
New Orleans	Mar. 13-May 21	5		
Massachusetts:				
Greenfield	Feb. 5-Feb. 22	1		
Westfield	Feb. 20-Mar. 2	1		
Michigan:				
Ionia	Mar. 20-Apr. 23			Do
Royal Oak	Feb. 12-Mar. 12	1		
Mississippi:				
Basin	May 16	7		
Denny *a*	May 16-May 31	19		
Hattiesburg	June 4-June 15	4		
Hendersons Point	Feb. 8	3		
Laurel	May 28-June 15	8		
Moss Point	Feb. 15	1		
Ocean Springs	Feb. 20	3		
Prairie	June 4-June 15			Several cases.
Shubuta, Clark County	May 28-June 15	75		
West Point	June 4-June 15			A few cases.
Whistler	June 4-June 15	1		
New Jersey:				
Westfield	Mar. 4	1		

a The report of 3 deaths from smallpox in the last two issues of the PUBLIC HEALTH REPORTS is in error.

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
New Mexico:				
Albuquerque and vicinity	Mar. 5-Apr. 1	14		
Lincoln and vicinity	June 11	30		
New York:				
Buffalo	May 21-June 18	1		
Deposit	Nov. 1-Nov. 30	1		
Fredonia	June 23	16		
New York City	May 14-May 21	1		
North Carolina:				
Alamance County	Feb. 18-Feb. 25	1		
Asheville	Apr. 14	1		
Buncombe County	Apr. 16	1		
	June 8	1		
Charlotte	Jan. 25-Feb. 12	4		
Clay County	Feb. 15-Feb. 24	3		
Iredell County	May 19-June 23	27		
Mooresville	June 16	1		
Reidsville	June 30	1		
Rowan County	June 2-June 23	7		
Statesville	June 11	11		
Wilmington	Jan. 12	1		
Wilson County	May 28	1		
Ohio:				
Cincinnati	May 5	1		
Columbus	Apr. 16-Apr. 22	1		
Delphos	May 1-June 8	3		
Fairfield County	Apr. 8-May 11	12	1	
Pennsylvania:				
Philadelphia	Apr. 13	2		
Johnsonburg	Apr. 13-June 23	1		
Tioga	Apr. 13-June 23	1		
South Carolina:				
Arkwright	Mar. 25	9		
Beaufort	Jan. 17			Smallpox reported.
Charleston	Apr. 22	1		
Columbia	Apr. 6-May 2	86		
Dyson	Mar. 25	3		
Greenville	Jan. 17			Do.
Orangeburg	Jan. 17			Do.
Pelham	Mar. 25	20		
Ridge Springs	Mar. 25	1		
Rock Hill	Jan. 17			Do.
Spartanburg	Jan. 17			Do.
Sumter	May 2	12		
Swansea	Jan. 15			Do.
Tennessee:				
Bristol	Mar. 1-Mar. 31	1		
Chattanooga	Jan. 1-Apr. 30	21		
Cleveland	Apr. 1-Apr. 30	6		
Elk Valley	Mar. 1-Mar. 31	1		
Huntington (near)	Jan. 1-Jan. 29	1		
Jellico	Feb. 1-Mar. 31	9		
Johnson City	Feb. 1-Mar. 31	13		
Knoxville	Jan. 1-Apr. 30	43		
Lenoir City	Jan. 1-Feb. 28	5		
Memphis	Jan. 22-June 27	5		
Mingo mines	Jan. 1-Jan. 29	6		
Mingo	Feb. 1-Mar. 31	3		
Morristown	Feb. 1-Mar. 31	6		
Newcomb	Feb. 1-Feb. 28	3		
Rockford	Mar. 1-Mar. 31	1		
Rutledge	Feb. 1-Apr. 30	14		
Shields Ferry	Mar. 1-Mar. 31	4		
Sprowles	Mar. 1-Mar. 31	1		
Texas:				
Brownsville	Feb. 26	1		
Columbus	Feb. 2-Apr. 2	30	7	
El Paso	June 11	3		
Virginia:				
Colburn	Feb. 1			Do.
Norfolk	Mar. 1-Mar. 10	2		
Norton	Feb. 1			Do.
West Virginia:				
Benwood	June 4	1		
Bluefield	Feb. 25	5		
Fayette County	May 6	8		
Mercer County	May 6	6		
McDowell County	May 6	12		
Wisconsin:				
Wausau	May 19	1		
Oshkosh	Apr. 28	1		

Report of immigration at Boston for the week ended June 25, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Boston, June 26, 1898.

Number of alien immigrants who arrived at this port during the week ended June 25, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
June 19	Steamship Norseman	Liverpool, England	4
Do	Steamship Yarmouth	Yarmouth, Nova Scotia	56
June 20	Steamship Beverly	Port Morant, Jamaica	12
June 21	Steamship Prince Edward	Yarmouth, Nova Scotia	33
Do	Steamship Lancastrian	Liverpool, England	6
Do	Steamship Cambroman	do	3
Do	Steamship Alabama	Bluefields, Nicaragua	1
Do	Steamship Storm King	London, England	2
June 22	Steamship Scandinavian	Glasgow, Scotland	158
June 23	Steamship Pro Patria	St. Pierre, Miquelon	2
Do	Steamship Yarmouth	Yarmouth, Nova Scotia	49
June 24	Steamship Oriel	London, England	3
Do	Brig R. L. T	Ponce, Puerto Rico	1
Do	Steamship Halifax	Halifax, Nova Scotia	55
Do	Steamship Prince Edward	Yarmouth, Nova Scotia	41
Do	Steamship Canada	Liverpool, England	170
June 25	Steamship Catalonia	do	110
	Total		706

GEORGE B. BILLINGS,
Commissioner.

Report of immigration at New York for the week ended June 25, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of New York, June 27, 1898.

Number of alien immigrants who arrived at this port during the week ended June 25, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
June 19	Steamship Umbria	Liverpool and Queenstown	167
Do	Steamship Neustria	Marseilles and Naples	238
June 20	Steamship Obdam	Rotterdam	119
Do	Steamship La Navarre	Havre	218
June 21	Steamship Southwark	Antwerp	188
Do	Steamship Aller	Genoa and Naples	272
Do	Steamship Ethiopia	Glasgow	49
June 22	Steamship Victoria	Naples	358
Do	Steamship Chester	Southampton and Queenstown	137
June 23	Steamship Albano	Hamburg	80
Do	Steamship Trave	Bremen	116
Do	Steamship Teutonic	Liverpool and Queenstown	383
Do	Steamship Barbarossa	Bremen	251
June 24	Steamship Fürst Bismarck	Hamburg	211
Do	Steamship Palatia	do	119
Do	Steamship Galileo	Rio de Janeiro	11
June 25	Steamship Edam	Amsterdam	66
Do	Steamship Lucania	Liverpool and Queenstown	376
	Total		3,359

THOMAS FITCHIE,
Commissioner.

Report of immigration at Philadelphia for the week ended June 25, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
Port of Philadelphia, June 25, 1898.

Number of alien immigrants who arrived at this port during the week ended June 25, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
June 20	Steamship Pennland	Liverpool and Queenstown	71
June 21	Steamship Ambria	Hamburg	60
	Total		131

J. L. HUGHES,
Acting Commissioner.

QUARANTINE REPORT

National quarantine and inspection stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Alexandria, Va	June 25							No transactions	
Brunswick, Ga	do	Port. bg. Vareiro(a)	June 14	Rio	Brunswick	Disinfected and held	June 21		3
		Br. bktn. Ramona.(a)	June 16	do	do	do	June 25		
		Am. bktn. St. Lucie.	June 23	do	do	Held for disinfection			
Cape Charles, Va	do								6
Cape Fear, N. C	June 30	Dan. bkn. Anna	June 30	Para, Brazil	Wilmington, N. C.	Held for disinfection		1 death from yellow fever en route.	
Eureka, Cal	June 18							No transactions	
Newbern, N. C	June 25							do	
Tortugas, Key West; Fla.	June 11							do	
	June 18							do	
Port Townsend, Wash	do	Jap. ss. Kinshiu Maru.	June 16	Hongkong	Seattle	Forecastle and steerage sprayed with bichloride solution 1-800.	June 16	67 Japanese and 1 Chinese of the crew were bathed and all their effects disinfected by steam or 1-800 bichloride solution.	3
Reedy Island Quarantine, Del.	June 25								13
San Diego, Cal	June 18								4
San Francisco, Cal	do	Am. ss. Newport	June 18	Panama	San Francisco	Disinfected	June 20	1 death from yellow fever en route; all on board disinfected and held 5 days.	13
Washington, N. C	June 25							No transactions	

a Previously reported.

QUARANTINE REPORTS—Continued.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
Anclote, Fla								No report.	
Apalachicola, Fla								do	
Baltimore, Md	June 25								29
Bangor, Me								No report	
Boston, Mass								do	
Carrabelle, Fla								do	
Charleston, S. C	June 25								2
Elizabeth River, Va	do								8
Galveston, Tex								No report	
Gardiner, Oreg								do	
Georgetown, S. C								do	
Gloucester, Mass								do	
Key West, Monroe Co., Fla.	June 25								2
Mayport, Fla	June 25	Br. sc. Delight	June 22	Barbados	Jacksonville	Held for disinfection			12
Mobile Bay, Ala								No report	
New Bedford, Mass								do	
New Orleans, La								do	
Newport News, Va	June 25								5
Newport, R. I								No report	
New York, N. Y								do	
Port of Los Angeles, Cal	June 18							No transactions	
Port of San Pedro, Cal	do								1
Providence, R. I	June 25								2
Round Island, Miss	June 18								1
	June 25							No transactions	
St. Helena Entrance, S. C								No report	
Savannah, Ga	June 25	Nor. bk. Gilead	June 20	Bahia	Savannah	Disinfected and held			3
Tampa Bay, Fla	do								15

Reports of States and yearly and monthly reports of cities.

IOWA—*Dubuque.*—Month of May, 1898. Population, 45,000. Total number of deaths, 35, including enteric fever, 2; whooping cough, 2, and phthisis pulmonalis, 5.

MAINE—*Portland.*—Four weeks ended June 11, 1898. Estimated population, 41,500. Total number of deaths, 45, including diphtheria, 2; enteric fever, 2; whooping cough, 1, and phthisis pulmonalis, 1.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended June 18, 1898, from 85 observers, indicate that dysentery, cholera morbus, cholera infantum, inflammation of kidney, pleuritis, diarrhea, erysipelas, and measles increased, and intermittent fever and remittent fever decreased in area of prevalence. Phthisis pulmonalis was reported present at 174, measles at 59, diphtheria at 27, enteric fever at 20, scarlet fever at 19, and whooping cough at 18 places.

MINNESOTA—*St. Paul.*—Month of May, 1898. Estimated population, 215,582. Total number of deaths, 184, including diphtheria, 2; enteric fever, 6; measles, 6; scarlet fever, 3, and phthisis pulmonalis, 24.

MISSOURI—*Kansas City.*—Month of May, 1898. Estimated population, 200,000. Total number of deaths, 193, including diphtheria, 1; measles, 3, and phthisis pulmonalis, 5.

St. Louis.—Month of May, 1898. Estimated population, 623,000; white, 587,000; colored, 36,000. Total number of deaths, 728, including diphtheria 13; enteric fever, 2; measles, 4; scarlet fever, 5; whooping cough, 3, and phthisis pulmonalis, 89.

NEW JERSEY—*Paterson.*—Month of May, 1898. Estimated population, 111,096. Total number of deaths, 119, including diphtheria, 5; enteric fever, 1, and phthisis pulmonalis, 15.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—										
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Ashtabula, Ohio	June 18	8,338	6	2										
Binghampton, N. Y	June 25	35,005	12	1						2		1		
Boston, Mass	do	448,477	171	20						1		1	2	2
Bristol, R. I	June 18	5,478	3	1										
Brockton, Mass	do	27,294	5	1										
Bucyrus, Ohio	do	5,974	1											
Butler, Pa	June 25	8,734	3											
Cambridge, Mass	do	70,028	16	2										2
Charleston, S. C	June 18	a 54,955	b 34	4						3				
Chicago, Ill	June 25	1,099,850	351	51						8	4	6		3
Cincinnati, Ohio	June 24	296,908	82	11								1	1	4
Cleveland, Ohio	June 18	261,353	103	4						2		1		1
Columbus, Ohio	June 24	88,150	17	4						2				
Concord, N. H	June 18	17,044	6	1										
Do	June 25	17,044	6	1										
Dayton, Ohio	do	61,220	23	3										
Detroit, Mich	do	205,876	84	8										3

a Estimated population, 65,165; white, 28,870; colored, 36,295. b White, 8; colored, 26.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from— Phthisis pulmonalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Du Bois, Pa	June 11	6,149	0											
Do	June 18	6,149	1											
Dunkirk, N. Y.	do	9,416	3	3										
Everett, Mass	do	11,068	6	3										
Fall River, Mass	June 25	74,398	22	3										
Fitchburg, Mass	June 18	22,037	8											
Flint, Mich	do	9,803	2											
Grand Rapids, Mich	June 25	60,278	16	1						1				
Green Bay, Wis	June 18	9,069	3										1	
Haverhill, Mass	June 25	27,412	4	1										
Hoboken, N. J.	June 11	43,648	12	2							1			
Do	June 18	43,648	17	1										
Jacksonville, Fla	do	17,201	19	2						1				
Jersey City, N. J	June 19	163,003	66	8							3	1		
Johnstown, Pa	June 18	21,805	4											
Kalamazoo, Mich	do	17,853	5	1									1	1
Lancaster, Pa	do	32,011	8							1				
Do	June 25	32,011	8							2				
Lawrence, Mass	June 18	44,654	14	1										
Lowell, Mass	June 25	77,696	35	7								1		
Lynchburg, Va	do	19,709	10	1										
McKeesport, Pa	June 18	20,741	11											
Manchester, Pa	do	44,126	15	3										
Massillon, Ohio	do	10,092	1											
Medford, Mass	June 25	11,079	3	1										
Melrose, Mass	June 18	8,519	3	1										
Memphis, Tenn	June 25	64,495	28	3										
Michigan City, Ind	June 18	10,776	4											
Middletown, N. Y	June 23	7,681	5											
Milwaukee, Wis	June 18	204,468	57	4						1				
Do	June 25	204,468	67	10										
Minneapolis, Minn	June 18	164,738	30							1				
New Bedford, Mass	June 25	40,733	13	1										
Newburyport, Mass	June 18	13,947	5											
New Orleans, La	do	242,039	138	11						3		1		
Newport, R. I	June 25	19,457	4											
New York, N. Y	do	a 2,502,805	1,078	135						11	15	27	14	20
North Adams, Mass	do	16,074	5	1										
Oneonta, N. Y	do	6,272	3											
Petersburg, Va	June 26	22,680	5											
Philadelphia, Pa	June 11	1,046,964	363	39						7	2	17	10	
Do	June 18	1,046,964	479	53						7	2	9	8	4
Do	June 25	1,046,964	387	34						7	1	12	3	3
Pittsburg, Pa	June 18	238,617	103	6						2	1		1	4
Plainfield, N. J	June 25	11,267	2											
Portland, Me	June 18	36,425	13	1						1				
Providence, R. I	June 25	132,146	45	5										
Salt Lake City, Utah	June 18	44,843	7											1
San Jose, Cal	do	18,060	5	3										
Santa Barbara, Cal	do	5,864	2											
St. Louis, Mo	June 4	451,770		16								3		1
Do	June 11	451,770	148	14						2	1	1	2	
Sault Ste. Marie, Mich	June 18	5,760	2											
Scranton, Pa	June 25	75,215	32									1		
Shreveport, La	do	11,979	11	2										
Springfield, Ill	June 20	24,903	10	1										
Spokane, Wash	June 18	19,922	7							1				
Waltham, Mass	do	18,707	3											
Warren, Ohio	do	5,973	1											
Washington, D. C	do	230,392	120	10						6	2	1	1	1
Wilmington, Del	June 25	61,431	19										1	
Winona, Minn	June 18	18,208	9	1										
Youngstown, Ohio	do	33,220	3											

a Approximately correct.

Table of temperature and rainfall, week ended June 27, 1898.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	aExcess.	aDefic'ncy.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me	57		1	.84		.54
Portland, Me	65	3		.77		.77
Northfield, Vt	65		1	.83		.53
Boston, Mass	69	1		.71		.51
Vineyard Haven, Mass	68		0	.53		.43
Nantucket, Mass	63	1		.63		.63
Woods Hole, Mass	65		1	.52		.42
Block Island, R. I	65		1	.58	.02	
New Haven, Conn	70		2	.73		.63
Albany, N. Y	71		1	.86		.36
New York, N. Y	71		1	.77		.27
Harrisburg, Pa	72		0	.98		.98
Philadelphia, Pa	74		2	.77		.37
New Brunswick, N. J	72		0	.90		.40
Atlantic City, N. J	70		2	.77		.37
Baltimore, Md	76		2	.93		.63
Washington, D. C	76		3	.98		.63
Lynchburg, Va	77		3	.82		.53
Cape Henry, Va	75	1		.93		.93
Norfolk, Va	78		2	.98		.98
Charlotte, N. C	78		2	1.09		.69
Raleigh, N. C	78		2	1.42		1.42
Kittyhawk, N. C	76		2	1.15		.55
Hatteras, N. C	77		3	1.15		.55
Wilmington, N. C	79		3	1.40	.40	
Columbia, S. C	79	1		1.03		.83
Charleston, S. C	81		1	1.42	.18	
Augusta, Ga	80		0	1.12	.48	
Savannah, Ga	81		1	1.59		1.59
Jacksonville, Fla	81	1		1.36		.46
Jupiter, Fla	80		0	1.45		1.45
Key West, Fla	84		0	.91		.81
Gulf States:						
Atlanta, Ga	77	3		1.05		1.05
Tampa, Fla	81	1		2.22		1.12
Pensacola, Fla	80	2		1.33		.63
Mobile, Ala	81		1	1.45		.55
Montgomery, Ala	81	1		1.10		.80
Vicksburg, Miss	80	2		.98		.88
New Orleans, La	81	1		1.62		1.62
Shreveport, La	82		0	.84		.84
Fort Smith, Ark	78	4		.98	1.42	
Little Rock, Ark	78	4		.91		.61
Palestine, Tex	80	2		.85		.75
Galveston, Tex	83	1		1.03		.83
San Antonio, Tex	82		0	.56		.56
Corpus Christi, Tex	81	1		.53		.23
Ohio Valley and Tennessee:						
Memphis, Tenn	80		0	1.05		.45
Nashville, Tenn	79		1	1.05		1.05
Chattanooga, Tenn	77	1		1.12	.08	
Knoxville, Tenn	75	1		.98	.22	
Louisville, Ky	77		3	.99	1.51	
Indianapolis, Ind	74		2	1.09		.79
Cincinnati, Ohio	76		2	1.02		.22
Columbus, Ohio	73		1	.77	.03	
Parkersburg, W. Va	74		2	.98		.58
Pittsburg, Pa	74		2	.86	.04	
Lake Region:						
Oswego, N. Y	66		0	.81		
Rochester, N. Y	68		2	.72	.08	
Buffalo, N. Y	67	1		.78		
Erie, Pa	69		1	.87	.23	
Cleveland, Ohio	70		2	.84	.36	
Sandusky, Ohio	71		1	.86	.74	
Toledo, Ohio	72		0	.77		.17
Detroit, Mich	70		0	.84	.36	
Lansing, Mich	70		2	.96	1.94	
Port Huron, Mich	67		1	.79	.21	
Alpena, Mich	63	3		.83	1.37	
Sault Ste. Marie, Mich	62		2	.77	.13	
Marquette, Mich	62		4	.83	1.17	
Green Bay, Wis	68		2	.70	.50	

a The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended June 27, 1898—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	aDefic'ncy.	Normal.	Excess.	Deficiency.
Lake Region—*Continued.*						
Grand Haven, Mich.	67		3	.85		.25
Milwaukee, Wis	67	1		.96	.14	
Chicago, Ill.	70	0		.88	1.92	
Duluth, Minn	61		5	1.02		.12
Upper Mississippi Valley:						
St. Paul, Minn	70	0		.98		.48
La Crosse, Wis	71	1		1.07		.47
Dubuque, Iowa	72		2	1.24	.46	
Davenport, Iowa	74		2	.94		.14
Des Moines, Iowa	72	2		1.16		.56
Keokuk, Iowa	75	1		1.05	.05	
Hannibal, Mo	74	2		.91	.09	
Springfield, Ill.	74	0		.95		.25
Cairo, Ill.	77	1		1.05		.15
St. Louis, Mo	77	1		1.12	.48	
Missouri Valley:						
Columbia, Mo	76	2		1.02	.58	
Springfield, Mo	74	2		.93	2.17	
Kansas City, Mo	76	2		1.12		.72
Topeka, Kans	75	3		1.26		.96
Wichita, Kans	78	2		1.17		.87
Concordia, Kans	73	7		.95		.75
Lincoln, Nebr	73	5		.97		.87
Omaha, Nebr	74	4		1.35		1.35
Sioux City, Iowa	73	1		.77		.07
Yankton, S. Dak	71	3		.98		.48
Valentine, Nebr	68	4		.79		.79
Huron, S. Dak	68	4		.84		.84
Pierre, S. Dak	70	8		.78		.68
Moorhead, Minn	65	3		1.12		.82
Bismarck, N. Dak	66	2		.77	.23	
Williston, N. Dak	65	1		.83	1.39	
Rocky Mountain Region:						
Havre, Mont	63		1	.73		.33
Helena, Mont	61		1	.53		.33
Miles City, Mont	69		1	.61	.29	
Rapid City, S. Dak	66	6		.79		.79
Spokane, Wash	64		2	.31		.31
Wallawalla, Wash	68		2	.31		.31
Baker City, Oreg	59	1		.30		.30
Winnemucca, Nev	67			.14		
Idaho Falls, Idaho	62	2		.21		.01
Salt Lake City, Utah	70	0		.14	.26	
Lander, Wyo	64	0		.26	.04	
Cheyenne, Wyo	64	2		.32		.32
North Platte, Nebr	71	3		.78		.68
Denver, Colo	70	4		.34		.34
Pueblo, Colo	73	3		.33		.03
Dodge City, Kans	76	2		.77		.77
Oklahoma, Okla	78	4		.55		.55
Amarillo, Tex	74	2		.76		.36
Abilene, Tex	81	1		.70		.70
Santa Fe, N. Mex	68	0		.22		.12
El Paso, Tex	84		4	.10	.10	
Phœnix, Ariz	85	3		.04		.04
Pacific Coast:						
Seattle, Wash	60	0		.28		.28
Tacoma, Wash	59		1	.42		.22
Fort Canby, Wash	57		1	.60		.00
Portland, Oreg	62		2	.38		.18
Roseburg, Oreg	63		3	.26		.16
Eureka, Cal	55	1		.18		.18
Redbluff, Cal	78	2		.07		.07
Carson City, Nev	63	3		.07		.07
Sacramento, Cal	70	4		.00		.00
San Francisco, Cal	58	2		.04		.04
Fresno, Cal	76	4		.00		.00
San Luis Obispo, Cal	64		2	.00		.00
Los Angeles, Cal	67		1	.00		.00
San Diego, Cal	65		1	.00		.00
Yuma, Ariz	87	1		.00		.00

a The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to June 30, 1898.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
China:				
Hongkong	Apr. 24-Apr. 30	5	3	
India:				
Bombay	Nov. 24-Nov. 30		4	
	Dec. 1-Mar. 1		55	
	Mar. 2-Mar. 29		11	
	Mar. 30-May 24		16	
Calcutta	Nov. 14-Dec. 4		42	
	Dec. 5-Jan. 1		31	
	Jan. 2-Jan. 29		28	
	Jan. 30-Feb. 26		82	
	Feb. 27-Mar. 26		95	
	Mar. 27-May 14		218	
Madras	Nov. 20-Dec. 10		8	
	Dec. 4-Dec. 31		11	
	Jan. 1-Jan. 28		45	
	Jan. 29-May 6		41	
Singapore	Nov. 1-Nov. 30		1	
	Dec. 1-Dec. 31		1	
	Mar. 1-Mar. 31		1	
Japan:				
Kanagawa Ken	Mar. 24-May 19	13	7	
Okayama	Apr. 29-May 19	1		
Osaka and Hiogo	Mar. 26-Apr. 9	2	1	
Tokyo Fu	Apr. 11-May 19	10	2	
Yokohama	Apr. 15-Apr. 29		1	

YELLOW FEVER.

Brazil:				
Araraguara	Mar. 1-Mar. 31	4	3	
Bahia	Dec. 27	3	2	
	Dec. 29	6		Taken off of Nor. bk. Adonis.
Ceara	Nov. 1-Nov. 30		1	
Jaboticabal	Mar. 1-Mar. 31	35	16	
Para	Dec. 12-Jan. 1		24	
	Jan. 2-Jan. 15		22	
	Jan. 16-Feb. 28		30	
Ribeirao Bonito	Feb. 1-Mar. 31	99	22	
Rio Clara	Mar. 1-Mar. 31	9	4	
Rio de Janeiro	Nov. 21-Dec. 4	1		
	Dec. 5-Jan. 1	8	3	
	Jan. 1-Jan. 29	22	17	
	Jan. 30-May 6		698	
	May 6-May 27		123	
Sao Carlos de Pinhal	Feb. 28-Mar. 31	223	58	Yellow fever reported.
	May 24			Yellow fever reported epidemic.
Santos	Jan. 2-Jan. 8	1	1	
	Jan. 23-Jan. 29	3		
	Jan. 30-Feb. 28	21	3	
	Mar. 1-Mar. 31	32	13	
Sao Paulo	Feb. 1-Mar. 31	4	3	
Costa Rica:				
Port Limon	June 15			Yellow fever reported.
Cuba:				
Cienfuegos	Dec. 20-Jan. 2		2	No reports received since hostilities with Spain began.
	Jan. 3-Jan. 23		1	
Habana	Dec. 17-Dec. 30		6	Do.
	Dec. 31-Jan. 27		9	
	Jan. 28-Feb. 17		3	
	Mar. 4-Mar. 31		4	

Cholera, yellow fever, plague, smallpox, etc.—Continued.

YELLOW FEVER—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Cuba—*Continued.*				
Manzanillo	Dec. 1-Dec. 31	.....	28	No reports received since hostilities with Spain began.
	Jan. 1-Jan. 31	.....	9	
	Feb. 14-Feb. 28	.....	3	
Matanzas	Dec. 15-Jan. 19	.....	4	Do.
	Feb. 9-Feb. 23	.....	2	
Regla	Dec. 31-Feb. 28	.....	7	Do.
	Mar. 1-Mar. 24	.....	2	
Sagua la Grande	Dec. 18-Jan. 20	.....	.....	A few cases of yellow fever, but impossible to obtain statistics. No reports received since hostilities with Spain began.
Santiago de Cuba	Dec. 19-Jan. 29	.....	6	No reports received since hostilities with Spain began.
Jamaica:				
Kingston	Dec. 19-Jan. 1	1	1	
	Jan. 2-Jan. 31	2	2	
	Feb. 5-Feb. 19	2	1	
St. Andrew	Dec. 19-Jan. 1	1	.....	
	Feb. 27-Mar. 5	1	1	
St. Catherine	Dec. 19-Jan. 1	1	.....	
St. Elizabeth	Dec. 19-Jan. 1	1	1	
Santo Domingo:				
Santo Domingo	May 7-May 14	1	1	
San Salvador	June 17	.....	.....	Yellow fever reported.

PLAGUE.

Arabia:				
Djiddah	Mar. 25-Apr. 10	.....	29	
Nuslah	Mar. 1-Mar. 25	1	.....	
China:				
Amoy	June 11	.....	.....	Plague reported,
Canton	Mar. 22-Apr. 5	10	.....	
Hongkong	Nov. 7-Nov. 20	2	2	
	Dec. 18-Jan. 1	2	2	
	Jan. 2-Jan. 29	6	5	
	Jan. 30-Feb. 26	64	56	
	Feb. 27-Apr. 30	596	529	
Swatow	Mar. 25	.....	.....	Plague reported.
Macao	Apr. 9	.....	.....	Plague reported.
Shanghai	Apr. 23	.....	.....	On ss. Glenturret, in quarantine.
Egypt:				
Suez	May 5	.....	.....	1 case plague on ss. Mahale.
India:				
Bombay	Nov. 24-Nov. 30	.....	70	
	Dec. 1-Feb. 8	.....	4,833	
	Feb. 9-Mar. 1	.....	3,436	
	Mar. 2-Mar. 29	.....	4,579	
	Mar. 30-May 17	.....	2,731	
	May 17-May 24	.....	101	
Calcutta	Apr. 25-May 4	25	12	Plague reported. "Sporadic."
Japan:				
Taiwan, Formosa	Dec. 28-Apr. 28	505	84	
Formosa Ports (Taipeh-Tainan, and Taiwan.)	Apr. 29-May 19	2,223	1,421	
Yokohama	Mar. 1-Apr. 11	2	1	
Karachi	Apr. 6-Apr. 12	51	31	
Russia:				
St. Petersburg	Mar. 26-Apr. 2	.....	1	

SMALLPOX.

Belgium:				
Antwerp	May 1-May 7	2	.....	
Ghent	May 7-May 14	.....	1	
Bohemia:				
Prague	Dec. 12-Jan. 1	11	.....	
	Jan. 2-May 14	151	.....	
British Columbia:				
Victoria	May 9	1	.....	

Cholera, yellow fever, plague, smallpox, etc.—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Ceara	Mar. 1-Mar. 31	.....	10	
Pernambuco	Dec. 1-Dec. 25	.....	8	
	Apr. 15-Apr. 23	.....	1	
Rio de Janeiro	Nov. 21-Dec. 4	10	.....	
	Dec. 5-Jan. 1	9	1	
	Jan. 1-Apr. 8	2	1	
Sao Paulo	Feb 1-Mar. 31	40	13	
Sorocaba	Dec. 16-Jan. 30	32	10	
Canada:				
Halifax	May 14-May 28	6	.....	
Maissonneuve	Jan. 26-Feb. 16	3	.....	
Montreal	Jan. 3-Jan. 12	3	0	
	Feb. 11-Feb. 16	1	.....	
China:				
Hongkong	Nov. 7-Dec. 4	6	4	
	Dec. 5-Jan. 1	11	8	
	Jan. 2-Apr. 30	194	113	
Cuba:				
Cardenas	Dec. 19-Jan. 22	.....	5	
	Mar. 6-Mar. 27	.....	8	
Cienfuegos	Dec. 20-Jan. 2	.....	7	
	Jan. 3-Jan. 23	.....	19	
	Feb. 7-Feb. 27	.....	35	
	Feb. 28-Apr. 3	.....	9	
Habana	Dec. 17-Apr. 7	.....	154	
Matanzas	Jan. 20-Feb. 23	.....	8	
Regla	Feb. 18-Apr. 7	.....	3	
Sagua la Grande	Dec. 19-Jan. 29	233	29	
	Jan. 30-Feb. 26	470	35	
	Feb. 27-Apr. 4	437	26	
England:				
Bristol	Feb. 6-Feb. 19	1	.....	
Leeds	Mar. 19-Apr. 9	6	4	
Liverpool	Jan. 15-Jan. 29	3	.....	
	Feb. 1-Apr. 2	6	.....	
London	Feb. 27-Mar. 26	4	.....	
	June 4-June 11	1	.....	
Middlesborough	Feb. 9	90	.....	
Newcastle on Tyne	Mar. 19-June 11	12	2	
Southampton	Jan. 8-Feb. 12	2	.....	
South Shields	May 7-May 14	1	.....	
Sunderland	Dec. 18-Jan. 8	1	.....	
	Feb. 27-Mar. 26	4	.....	
West Hartlepool	Jan. 9-Jan. 22	5	.....	
Germany:				
Bremen	Apr. 23-May 14	2	.....	
Hamburg	Mar. 6-Mar. 12	2	.....	
Gibraltar	Dec. 6-Dec. 12	1	.....	
	Dec. 27-Apr. 3	6	.....	
India:				
Bombay	Feb. 9-May 24	.....	32	
Calcutta	Dec. 19-Dec. 25	.....	1	
	Jan. 30-May 14	.....	53	
Madras	Nov. 27-Dec. 3	.....	1	
	Dec. 4-Dec. 31	.....	3	
	Jan. 1-Jan. 28	.....	6	
	Jan. 29-Feb. 4	.....	6	
	Feb. 5-Apr. 22	.....	66	
	Apr. 30-May 13	.....	11	
Singapore	Mar. 1-Mar. 31	.....	1	
Italy:				
Messina	Dec. 12-Jan. 8	.....	5	
	Jan. 30-May 21	.....	5	
Japan:				
Aichi Ken	Dec. 28-Apr. 28	8	1	
Akita Ken	Dec. 28-Apr. 10	15	4	
	Apr. 29-May 19	2	.....	
Awomori Ken	Dec. 28-May 19	75	12	
Chiba Ken	Dec. 28-Apr. 10	9	.....	
Formosa	Feb. 4-Mar. 3	7	4	
Fukui Ken	Dec. 28-Feb. 3	1	.....	
Fukuoka Ken	Mar. 24-May 19	4	.....	
Fukushima Ken	Dec. 28-May 19	141	35	
Gifu Ken	Feb. 4-Feb. 22	1	.....	
Gumma Ken	Feb. 4-Feb. 22	1	.....	
Hiogo	Apr. 29-May 19	1	.....	
Hiroshima Ken	Jan. 22-Feb. 3	1	.....	

Cholera, yellow fever, plague, smallpox, etc.—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Japan—*Continued.*				
Ishikawa Ken	Apr. 29-May 19	2	.....	
Iwate Ken	Dec. 28-May 19	42	9	
Kagoshima Ken	Feb. 4-Feb. 22	1	.....	
Kanagawa Ken	Dec. 28-Jan. 21	3	.....	
Kioto Fu	Apr. 29-May 19	1	.....	
Kochi Ken	Dec. 28-Jan. 21	1	.....	
Miyagi Ken	Dec. 17-Dec. 27	2	3	
	Dec. 28-Apr. 28	94	23	
Miyazaki Ken	Jan. 22-Feb. 3	3	1	
	Apr. 29-May 19	24	7	
Nagano Ken	Feb. 4-Mar. 23	9	5	
	Apr. 29-May 19	1	.....	
Nagasaki Ken	Jan. 22-Mar. 23	4	1	
	Apr. 29-May 19	1	.....	
Nara	Apr. 29-May 19	1	.....	
Niigata Ken	Mar. 4-Mar. 23	4	1	
Okayama Ken	Feb. 4-Apr. 10	3	1	
Osaka Fu	Dec. 28-Apr. 10	3	.....	
Oyama Ken	Mar. 4-Mar. 23	1	1	
Saitama Ken	Dec. 17-Dec. 27	1	.....	
Shidzuoka Ken	Apr. 29-May 19	2	.....	
Tochigo Ken	Mar. 24-Apr. 10	1	.....	
Tokyo Fu	Dec. 28-Mar. 23	6	.....	
Tokushima Ken	Apr. 29-May 19	2	.....	
Yamagata Ken	Jan. 22-May 19	38	9	
Yamaguchi Ken	Feb. 4-Apr. 28	10	1	
Yamanashi Ken	Mar. 24-Apr. 28	5	1	
Yehime Ken	Dec. 17-Apr. 10	59	13	
	Apr. 29-May 19	3	.....	
The Hokkaido	Dec. 17-Dec. 27	70	26	
	Dec. 28-May 19	407	107	
Mexico:				
Nogales	May 13	4	.....	
Norway:				
Christiania	Mar. 20-May 21	19	2	
Nova Scotia:				
Halifax	June 4-June 11	3	.....	At quarantine hospital.
Netherlands:				
Amsterdam	Dec. 12-Dec. 24	1	.....	
Rotterdam	Dec. 12-Dec. 31	3	1	
	Jan. 1-Jan. 29	1	.....	
Russia:				
Moscow	Nov. 28-Dec. 4	1	1	
	Dec. 5-Dec. 11	1	1	
	Jan. 1-May 14	63	17	
	May 21-May 28	4	2	
Odessa	Dec. 5-Jan. 1	53	9	
	Jan. 2-Jan. 29	34	7	
	Jan. 30-June 4	97	18	
St. Petersburg	Dec. 4-Dec. 25	35	13	
	Jan. 9-Jan. 29	56	19	
	Jan. 30-June 4	.....	58	
Warsaw	Dec. 19-May 28	.....	136	
Scotland:				
Edinburgh	Apr. 16-Apr. 30	2	.....	
Glasgow	Dec. 5-Dec. 25	3	1	
Leith	Apr. 3-Apr. 30	2	1	
Spain:				
Corunna	Jan. 1-Feb. 5	.....	2	
Madrid	Dec. 22-Dec. 28	.....	1	
	Feb. 8-Apr. 6	.....	3	
Turkey:				
Constantinople	Jan. 10-Feb. 6	.....	53	
	Feb. 28-May 8	.....	94	
Uruguay:				
Montevideo	Dec. 25-Mar. 19	5	.....	
Venezuela:				
Caracas	June 7	.....	.....	Smallpox reported.
Puerto Cabello	Apr. 2-Apr. 11	23	6	Smallpox increasing, June 7, 1898.
Valencia	Apr. 2-Apr. 11	54	.....	Do.
Wales:				
Cardiff	Dec. 18-Dec. 24	1	.....	

BRAZIL.

Sanitary reports from Rio—Yellow fever at Rio, Santos, and interior towns.

RIO DE JANEIRO, *May 24, 1898.*

SIR: I have the honor to forward to you official report for the week ended May 13:

There were 368 deaths from all causes, a decrease of 5, as compared with the foregoing week; 23 deaths from accesso pernicioso, an increase of 5; 53 deaths from yellow fever, an increase of 1; 7 deaths from typhoid fever, an increase of 3; 14 deaths from beriberi, an increase of 6, and 45 deaths from tuberculosis, a decrease of 14.

Information.—The cooler weather continues and an improvement in the general state of health is noticeable, especially as regards the decrease of yellow fever. We had, during the last few days, a copious rainfall, which vouchsafed to us a further improvement of the sanitary conditions.

What I could learn in regard to yellow fever in Santos, justifies the assertion that its ravages were severer there lately than heretofore. In the interior of the State of Sao Paulo, in the mountain city of Sao Carlos de Pinhal, the yellow fever epidemic continues to an astonishing and certainly unprecedented degree.

With the beginning of the cooler season there has been an increase of smallpox in the city of Sao Paulo. During the month of April the report of the hospital of isolation was as follows:

Diseases.	Remaining.	Entered.	Recovered.	Died.	Remaining.
Smallpox	28	63	27	23	41
Typus fever	9	2	6	1	4
Yellow fever	.....	9	3	4	2
Diphtheria	1	.....	1	.....	.....

Since last report the following-named vessels have been inspected and received bills of health of this office: May 20, steamship *Buffon*, British, for New York; steamship *Tiger*, Norwegian, for Baltimore.

Respectfully, yours, W. HAVELBURG,
Acting Sanitary Inspector, U. S. M. H. S.

RIO DE JANEIRO, *June 1, 1898.*

SIR: I have the honor to forward to you the official report for the week ended May 20.

There were 342 deaths from all causes, a decrease of 26, as compared with the foregoing week. Sixteen deaths from accesso pernicioso, a decrease of 7; 33 deaths from yellow fever, a decrease of 20; 2 deaths from typhoid fever, a decrease of 5; 1 death from whooping cough, none before; 10 deaths from beriberi, a decrease of 4, and 57 deaths from tuberculosis, an increase of 12.

There occurred during the week ended May 27, 386 deaths from all causes, 10 deaths from accesso pernicioso, 37 deaths from yellow fever, 7 deaths from beriberi, and 29 deaths from different fevers.

Although the better and more agreeable climatical conditions continue and the general state of health shows an improvement, the number of deaths remain about as before. In regard to yellow fever, the number of cases has diminished, but not the number of deaths, consequently the mortality is greater among those who fall sick late in the season.

From the report of the delegate of hygiene at Campos, I take some notices concerning the first three months of this year.

Campos is a city of the State of Rio de Janeiro, with about 40,000 inhabitants, and distant from the city of Rio de Janeiro about twelve hours, railway journey. It is the center of relatively considerable industry, of which that of sugar is the most important. The city is situated on the Parahyba, shortly above its mouth. Along its lower course the river often overflows and thereby transforms the country into marshes that become the seat of malaria. Also in Campos and its surroundings this sickness is very common. Of 314 deaths in the city, 62 were caused by malarial infection, of which 15 were accesso pernicioso, 7 febris remittens typhoidea, 6 febris remittens biliosa, and 6 febris remittens palustris.

In Campos some sporadic cases of yellow fever occurred spread by people coming from Rio de Janeiro.

In the surroundings of Campos, at Sao Gonçalo, the following happened: A man, returning from a voyage only a short time before, became ill, then 6 members of his family and 3 other persons became ill. Of these 9 persons 8 died. The physicians entertained the positive opinion that the sickness was yellow fever. From all experience yellow fever is not transportable from person to person, but if the germ finds favorable conditions to its development, then it may also produce a further infection. So it probably happened in the above-mentioned case. On the other hand, there are countries that from all experience have an immunity to yellow fever, where the conditions to its development do not exist. Such a locality is the city of Petropolis, in the neighborhood of Rio de Janeiro, the seat of the diplomatic world and the place of refuge for the better situated people of Rio. Single cases of yellow fever, spread from Rio, will be also observed, but never an epidemical extension. Vaccinations have not been executed at Campos, because the inhabitants oppose that prophylactical measure.

Since last report the following-named ships have been inspected and received bills of health from this office: May 27, barkentine *Doris*, American, for Baltimore. May 28, steamship *Bellena*, British, for New York; schooner *Roland*, German, for Port Eads. May 30, schooner *Brunhilde*, British, for New York; bark *Normandy*, American, for Portland.

Respectfully, yours, W. HAVELBURG, M. D.,
Acting Sanitary Inspector, U. S. M. H. S.

STATISTICAL REPORTS.

AUSTRALIA—*New South Wales—Brisbane.*—Month of March, 1898. Population, 105,734. Total number of deaths, 118, including enteric fever, 1, and phthisis pulmonalis, 11.

Sydney.—Month of April, 1898. Estimated population, 417,250. Total deaths, 434, including diphtheria, 12; enteric fever, 10, and measles, 3.

BAHAMAS—*Dunmore Town.*—Two weeks ended June 17. Population, 1,472. Total deaths, 2. No contagious disease.

Governors Harbor.—Two weeks ended June 18. Estimated population, 1,500. Total number of deaths, 1. No contagious disease.

Green Turtle Cay.—Two weeks ended June 16. Estimated population, 3,900. No deaths.

BERMUDA.—Two weeks ended June 3, 1898. Estimated population, 15,013. No deaths.

BRAZIL—*Ceara.*—Month of May, 1898. Estimated population, 50,000. Total number of deaths, 138.

FRANCE—*Roubaix.*—Month of May, 1898. Estimated population, 125,131. Total number of deaths, 189, including diphtheria, 2; enteric fever, 2; measles, 6, and whooping cough, 1.

GREAT BRITAIN—*England and Wales.*—The deaths registered in 33 great towns in England and Wales during the week ended June 11 correspond to an annual rate of 16.9 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in New Castle on Tyne, viz, 24.1, and the lowest in Croydon, viz, 8.4.

London.—One thousand four hundred and eleven deaths were registered during the week, including measles, 74; scarlet fever, 10; diphtheria, 23; whooping cough, 51; enteric fever, 4, and diarrhea and dysentery, 22. The deaths from all causes correspond to an annual rate of 16.3 a thousand. In greater London 1,840 deaths were registered, corresponding to an annual rate of 15.0 a thousand of the population. In the "outer ring" the deaths included 20 from measles, 11 from diphtheria, 4 from scarlet fever, and 18 from whooping cough.

Sunderland.—Two weeks ended June 4, 1898. Estimated population, 143,849. Total number of deaths, 141, including diphtheria, 1; enteric fever, 1; measles, 1; scarlet fever, 1, and whooping cough, 4.

Ireland.—The average annual death rate represented by the deaths registered during the week ended June 11 in the 23 principal town districts of Ireland was 23.9 a thousand of the population. The lowest rate was recorded in Carrickfergus, viz, 7.3, and the highest in Lisburn, viz, 38.3 a thousand. In Dublin and suburbs 168 deaths were registered, including enteric fever, 1, and whooping cough, 2.

Scotland.—The deaths registered in 8 principal towns during the week ended June 11 correspond to an annual rate of 21.3 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Leith, viz, 11.6, and the highest in Dundee, viz, 24.0 a thousand. The aggregate number of deaths registered from all causes was 642, including measles, 42; scarlet fever, 4; diphtheria, 1, and whooping cough, 43.

GUIANA—*Parimaribo.*—Month of May, 1898. Estimated population, 30,535. Total number of deaths, 71. No deaths from contagious disease.

JAMAICA.—Four weeks ended June 4, 1898. Estimated population, 694,865. Total deaths not reported. The deaths included enteric fever, 3, and whooping cough, 1.

Kingston.—Month of May, 1898. Estimated population, 34,314,

Total number of deaths, 154, including enteric fever, 2, and phthisis pulmonalis, 10.

URUGUAY—*Montevideo.*—Month of April, 1898. Estimated population, 250,869. Total number of deaths, 306, including diphtheria, 2; enteric fever, 7, and phthisis pulmonalis, 28.

WEST INDIES—*St. Christopher.*—Two weeks ended June 14, 1898. Estimated population, 31,000. Total number of deaths not reported. No deaths from contagious diseases.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from— Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Amherstburg	June 18	2,300	2									
Amsterdam	June 11	507,647	187					1		1	2	3
Antwerp	June 4	282,872	75			2			7			
Barranquilla	May 22	40,000	16									
Do	May 28	40,000	29					1				
Do	June 5	40,000	22					1				
Belfast	June 4	304,610	148					11	1	1	1	3
Do	June 11	304,610	140					16				2
Belize	June 16	13,000	6									
Berlin	May 28	1,728,201	554					1	1	3	6	
Birmingham	June 11	505,772	168					3		3	2	5
Bluefields	do	3,018	1									
Bombay	May 24	800,000	a 633	1		1					3	
Bradford	June 4	231,260	65					1			7	5
Do	June 11	231,260	73								6	
Bremen	June 4	143,500	50								4	
Brussels	do	531,024	198					4				2
Calcutta	May 14	681,560	356	24		4						1
Catania	June 11	120,000	65									3
Christiania	do	207,000	71						1			1
Cologne	do	345,377	126							3	8	3
Colombo	May 14	127,836	96					2				
Do	May 21	127,836	116					5			2	
Colon	June 8	8,000	1									
Copenhagen	June 4	351,000	132					1				
Crefeld	June 11	110,000	28							2		
Dresden	June 4	381,400	152						1	1	3	
Dublin	June 11	350,000	168						1			
Edinburgh	do	295,628	120					1	1		3	5
Flushing	do	17,193	6									
Frankfort on the Main	do	245,000	72									2
Ghent	June 4	161,125	60									
Do	June 11	161,125	65					1				
Gibraltar	June 5	25,900	8									
Girgenti	June 4	24,428	6									
Glasgow	June 11	724,349	324					4	2	1	19	27
Gothenburg	June 4	119,754	39						1			
Halifax	June 18	38,700	16								2	
Hamburg	June 11	661,015								5	17	10
Havre	June 4	119,470	58					1				
Kingston, Canada	June 24	18,800	0									
Königsberg	June 11	179,686									1	
Leeds	June 4	416,618	156						1	1		7
Do	June 11	416,618	139						3	1	2	2
Leith	do	76,277	17								1	
Licata	June 4	20,000	9					1				
Liege	do	166,110	51									
Livingston, Guatemala	June 11	2,000	3									
London, England	June 4	6,408,321	1,789					6	20	40	78	58
Do	June 11	6,408,321	1,840					8	14	34	94	69
Magdeburg	May 14	223,016	83						1	2	1	2
Do	May 21	223,016	93							2	2	
Manchester	May 11	541,296	202						1		2	3
Mayence	June 4	76,984	36								3	
Do	May 11	76,984	41								3	
Messina	do	107,000	27							1		
Moscow	May 28	1,000,000	553			2		2	8	7	2	4
Nagasaki	May 24	72,000								1		
New Castle on Tyne	June 11	186,345	103								9	7
Nuremberg	May 28	189,720	77									
Odessa	June 4	383,000	110			2		6	3		1	
Palermo	do	273,000	147							1		1
Paris	do	2,511,955	938					1	2	5	40	9
Do	June 11	2,511,955	935					1	4	1	36	9
Plymouth	June 4	99,136	34								1	1
Do	June 11	99,136	34							1	1	1
Prague	June 4	198,320	112					1	2	1	6	
Puerto Cortes	June 16	2,000	0									
Queenstown	May 21	15,000	7									
Do	May 28	15,000	5									
Rheims	do	108,943	49								6	1
Do	June 4	108,943	46								8	1

a Plague, 101 deaths.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from— Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Rio de Janeiro	May 13	750,000	368		53			7				
Rotterdam	June 11	301,816	138								9	
St. Georges	do	2,150	0									
Do	June 18	2,150	1									
St. Petersburg	May 28	1,267,023	601			2	1	21	12	16	23	10
Do	June 4	1,267,023	573			1		29	17	22	19	2
St. Stephens	June 18	3,000	0									
Sanchez	June 4	1,200	0									
Do	June 11	1,200	0									
Schiedam	do	26,884	11									
Sheffield	do	324,243	126					4	1	1	2	4
Sonneberg	May 21	12,400	6									
Do	June 4	12,400	7									
South Shields	June 11	98,922	34									2
Stettin	June 4	150,000	47						1			
Stockholm	do	283,550	94						1		2	4
Stuttgart	June 9	162,934	71									
Sunderland	June 11	143,849	65								1	1
Tegucigalpa	May 28	12,000	3									
Trapani	June 4	45,095	17									
Trieste	do	165,000	79									
Tuxpam	May 14	10,280	5									
Do	May 21	10,280	10									
Do	May 28	10,280	7									
Venice	do	168,958	71					3		1		
Vera Cruz	May 16	20,000	25									
Vienna	May 21	1,590,295	714					2	8	6	30	2
Do	May 28	1,590,295	681						3	7	11	36
Warsaw	June 4	601,408	221									
Zurich	do	160,916	45							1		

By authority of the Secretary of the Treasury:

WALTER WYMAN,
Supervising Surgeon-General U. S. Marine-Hospital Service.